

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

REPORT

DATE DISTR. 10 May 1948

COUNTRY Germany (Russian Zone)
SUBJECT Production of Servo Motors at
Bartha, Saxony

NO. OF PAGES

PLACE
ACQUIRED

NO. OF ENCLS.
(LISTED BELOW)

DATE OF INFO

SUPPLEMENT TO
REPORT NO.

50X1-HUM

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE
OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT 50
U. S. C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION
OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PRO-
HIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED. HOW-
EVER INFORMATION CONTAINED IN BODY OF THE FORM MAY BE UTILIZED
AS DEEMED NECESSARY BY THE RECEIVING AGENCY.

THIS IS UNEVALUATED INFORMATION FOR THE RESEARCH
USE OF TRAINED INTELLIGENCE ANALYSTS

50X1-HUM

The Alfred Oemig & Co. factory at Bartha, Saxony, produced during the war gyro-
motors developing 30,000 r.p.m. on a power supply frequency of 500 cycles per
second. No part of it was dismantled. It is now executing an order for 450
motors placed by K.T.B. 11, Berlin-Oberschöneweide, which provided the
motors are completed they are sent to K.T.B. 20, Dresden-
for testing; only ten motors had been sent there as of mid-

2. The specifications are as follows:

- a. Name: [REDACTED]
- b. Weight: 1.7 [REDACTED]
- c. Voltage: 24 volts
- d. Power: 33 watts
- e. Armature: diameter 25 mm. on a milled, bored cylinder.
- f. Commutator: diameter 12 mm. divisions: 22.
- g. Shaft: diameter 8 mm. / 6 mm. length 117.5 mm.
Simple cogwheel with seven cogs; length 13 mm.; modulation 0.6;
engages wheel with 126 cogs; axle distance 39.9 mm.
- h. Rotation: 8,000 r.p.m.
- i. Revolving momentum: 70 cm/g. with a negligible initial acceleration
of 0.05 cm/g/sec².
- j. Duration of life: four mins.

Document No. 7
NO CHANGE in Class. ☐
☐ DECLASSIFIED
Class. CHANGED TO: TS S (C)
DDA Memo, 4 Apr 77
Auth: DDA REG. 77/1283
Date: 03 MAY 1978

50X1-HUM

CLASSIFICATION SECRET CONTROL U.S. OFFICIALS ONLY

STATE	<input checked="" type="checkbox"/> NAVY	<input type="checkbox"/> NSRB	<input type="checkbox"/> DISTRIBUTION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ARMY	<input checked="" type="checkbox"/> AIR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CONFIDENTIAL

4403. - Motor - Savage
x-4401.0200 - Savage/Savage

50X1-HUM

Page Denied